

EXPRESS MAIL LABEL
NO. EL-998651127 US

12/18/03
3422/3 (PHA 3101.5)
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Dennis P. Phillion
Serial No. 10/664,123
Filed September 17, 2003

For ALPHA-HALOENAMINE REAGENTS

December 17, 2003

TO THE COMMISSIONER FOR PATENTS,

SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, Applicant submits the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein. In accordance with the Pre-OG notice of July 11, 2003 partially waiving the requirements of 37 C.F.R. 1.98(a)(2)(i), copies of the U.S. patent documents are not supplied.

The foreign patent documents/literature references numbered 10, 11, 13-22, 24-56, and 58-69 listed on the attached PTO/SB/08A have been previously submitted in parent application Serial No. 10/061,617 and, therefore, in accordance with MPEP 609, are not being provided at this time.

Applicant has to-date been unable to obtain a complete copy of Foreign patent document number 9. Accordingly, only the cover page and an English translation of the abstract thereof, both obtained from the European Patent Office website, are being submitted herewith. A complete copy of this document will be submitted at a later date, should one become available.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. §1.97(b) in that Applicant believes that it is being filed prior to the mailing date of the first Office action on the merits. Accordingly, neither a statement nor fee under 37 C.F.R. §1.97(c) or (d) is required. However, if an Office action was issued prior to the date of mailing of this Information Disclosure Statement, the Commissioner is hereby authorized

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Respectfully submitted,



Derick E. Allen, Reg. No. 43,468
SENNIGER, POWERS, LEAVITT & ROEDEL
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102
(314) 231-5400

DEA/skd

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	4,216,172		Heine et al.	08-05-1980
	2	4,291,176		Heine et al.	09-22-1981
	3	4,794,109		Lang	12-27-1988
	4	4,914,196		Riediker et al.	04-03-1990
	5	5,218,097		Ernst	06-08-1993
	6	5,459,131		Albright et al.	10-17-1995
	7	5,516,662		Singh	05-14-1996
	8	5,643,878		Bold et al.	07-01-1997

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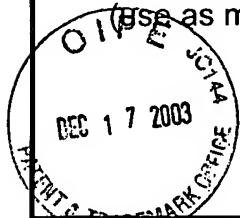
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		Office	Number ⁴	Kind Code ² (if known)			
	9	CH	681623	A	Ciba Geigy AG	04-30-1993	
	10	EP	0639574	A1	Lucky Ltd.	02-22-1995	
	11	GB	2310207	A	Pharmacia & Upjohn SpA	08-20-1997	
	12	WO	96/33972	A	Glaxo Group Ltd.	10-31-1996	
	13	WO	97/49395	A1	Novartis AG	12-31-1997	
	14	WO	97/30975	A2	California Institute of Technology	08-28-1997	
	15	WO	99/41367	A1	Merck Patent GMBH	08-19-1999	
	16	WO	00/62778	A1	Bristol-Myers Squibb Co.	10-26-2000	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

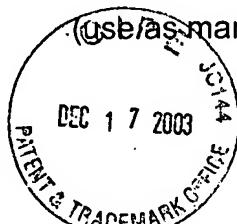
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	17	S. ABEL et al. "Total Synthesis of Soraphen A _{1a} " Synthesis, Vol. 1 (1999) pp. 188-197.	

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18	BAIRD et al. "Solid Phase Synthesis of Polyamides Containing Imidazole and Pyrrole Amino Acids" J. Am. Chem. Soc., Vol. 118, No. 26 (1996) pp. 6141-6146.	
19	R. BANTEL et al. "Synthesis of Sialyl Lewis Mimics. Modifications of the 6-Position of Galactose" Bioorganic & Medicinal Chemistry Letters, Vol. 11 (2001) pp. 459-462.	
20	J. BENDALL et al. "Introduction of Bromine and Chlorine Substituents in Medium Ring Ethers and Lactones" Chem. Commun., Chem. Commun., Vol. 11 (1997) pp. 1067-1068.	
21	C. BLACKBURN "Polymer Supports for Solid-Phase Organic Synthesis" Biopolymers (Peptide Science) Vol. 47 (1998) pp. 311-351.	
22	A. CUTLER et al. "Chemistry of Dicarbonyl n ⁵ -Cyclopentadienyl-n ¹ -allyl- and -n ² -olefiniron Complexes. Preparation and Cycloaddition Reactions" J. Am. Chem. Soc., Vol. 98, No. 12 (1976) pp. 3495-3507.	
23	DEVOS et al. "Synthesis of Acyl Halides Under Very Mild Conditions" J.C.S. Chem. Comm., Vol. 1050 (1979) pp. 1180-1181.	
24	A. DE MESMAEKER et al. "A New Protected Form of Glucuronic Acid for the Synthesis of Labile 1-O-acyl-β-D-glucuronides" Tetrahedron Letters, Vol. 30, No. 29 (1989) pp. 3773-3776.	
25	T. DURAND et al. "Cyclopentenones as Potential Inhibitors of Penicillin Sensitive Enzymes" Bioorganic & Medicinal Chemistry Letters, Vol. 3, No. 11 (1993) pp. 2309-2312.	
26	E. EGERT et al. "Stereoselective Synthesis of Functionalized, Tetra- and Penta-Substituted 1,3-Butadienes by Allene Claisen Rearrangement" Tetrahedron Letters, Vol. 28, No. 7 (1987) pp. 789-792.	
27	D. ENDERS et al. "A Novel Approach to 2-Amino-1,3-Dienes by Coupling of α-Chloro Enamines and Alkenyl Lithium Compounds" Tetrahedron, Vol. 52, No. 8 (1996) pp. 2909-2924.	
28	B. ERNST et al. "Haloenamines -II. A Rapid and Efficient Synthesis of Carbohydrate 1,2-Orthoesters" Tetrahedron Letters, Vol. 31, No. 43 (1990) pp. 6167-6170.	
29	B. ERNST et al. "Preparation of Glycosyl Halides' Under Neutral Conditions" Tetrahedron Letters, Vol. 30, No. 23 (1989) pp. 3081-3084.	

Examiner Signature		Date Considered
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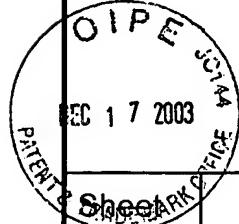
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30	T. FUJISAWA et al. "A Convenient Coupling Reaction of Allyl Alcohols with Grignard Reagents Using 1-Chloro-2-Methyl-N,N-Tetramethylenepropenylamine" Tetrahedron Letters, Vol. 24, No. 51 (1983) pp. 5745-5748.
31	T. FUJISAWA et al. "A Convenient Synthesis of Allenes by the Reaction of Propargyl Alcohols with Grignard Reagents Using 1-Chloro-2-Methyl-N,N-Tetramethylenepropenylamine" Tetrahedron Letters, Vol. 25, No. 36 (1984) pp. 4007-4010.
32	A. FURSTNER et al. "Total Synthesis of Caloporoside" J. Org. Chem., Vol. 63, No. 9 (1998) pp. 3072-3080.
33	A. FURSTNER et al. "Total Synthesis of Roseophilin" J. Am. Chem. Soc., Vol. 120, No. 12 (1998) pp. 2817-2825.
34	L. GHOSEZ et al. "A General and Practical Method of Synthesis of 2-disubstituted-1-chloro- and 1-bromo-enamines" Tetrahedron, Vol. 54 (1998) pp. 9207-9222.
35	L. GHOSEZ et al. "Alkyl and Aryl α -Chloro Enamines" Angew. Chem. Internat. Edit., Vol. 8, No. 6 (1969) pp. 454-455.
36	F. GUILIER et al. "Linkers and Cleavage Strategies in Solid Phase Organic Synthesis and Combinatorial Chemistry" Chem. Rev., Vol. 100, No. 6 (2000) pp. 2091-2157.
37	C. HALL et al. "Stereospecific Halogenation of Ethyl Methyl Phosphorothioic Acid" Tetrahedron Letters, Vol. 23, No. 9 (1982) pp. 999-1002.
38	T. HARRIS et al. "Substituent Modification in Tri-O-Thymotide and its Effects on Host Geometry and Guest Enclathration .1. Synthesis" Tetrahedron, Vol. 43, No. 7 (1987) pp. 1519-1540.
39	C. HARWIG et al. "Soluble Polymers: New Options in Both Traditional and Combinatorial Synthesis" Chemtracts - Organic Chemistry, Soluble Polymers, Vol. 12, No. 1 (1999) pp. 1-26.
40	R. HOFFMANN et al. "Total Synthesis of Mycinolide-V" Liebigs Ann. Chem. (1990) pp. 23-29.
41	Houben-WEYL "Methoden der Organischen Chemie" Vol. E5 (1985) "Carbonsäuren und Carbonsäure-Derivate" Georg Thieme Verlag, Stuttgart, pp. 593-600.

Examiner Signature		Date Considered
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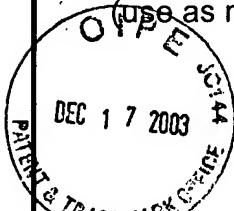
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42	C. HOUGE et al. "Models for Asymmetric [2 + 2] Cycloadditions" J. Am. Chem. Soc., Vol. 104 (1982) pp. 2920-2921.
43	I. JAMES "Linkers for Solid Phase Organic Synthesis" Tetrahedron, Vol. 55 (1999) pp. 4855-4946.
44	M. KAZANKOVA et al. "Nickel- and Palladium-Catalyzed Cross-Coupling as a Route to 1- and 2-Alkoxy- or Dialkylaminovinylphosphonates" Tetrahedron Letters, Vol. 40 (1999) pp. 569-572.
45	M. KAZANKOVA et al. "Synthesis of Vinyldiphenylphosphines by Pd-Catalyzed Cross-Coupling Reactions of Diphenylphosphine with Alkenylhalides" Tetrahedron Letters, Vol. 39 (1998) pp. 573-576.
46	R. KING et al. "Keteneimmonium and 2-Azabutadiene Complexes from Reactions of α -Chloroenamines with Metal Carbonyl Anions" J. Am. Chem. Soc., Vol. 96, No. 4 (1974) pp. 1263-1264.
47	R. KING et al. "Organonitrogen Derivatives of Metal Carbonyls VIII. Reactions of Metal Carbonyl Anions with α -Chloroenamines" J. of Am. Chem. Soc., Vol. 97, No. 10 (1975) pp. 2702-2712.
48	B. KONIG et al. "Synthesis of DNA-binding Heteroaromatic Oligoamides on Liquid Solid Support" Chem. Commun., No. 5 (1998) pp. 605-606.
49	K. KROWICKI et al. "Synthesis of Novel Imidazole-Containing DNA Minor Groove Binding Oligopeptides Related to the Antiviral Antibiotic Netropsin" J. of Organic Chem., Vol. 52, No. 16 (1987) pp. 3493-3501.
50	MANETTI et al. "Synthesis and Binding Mode of Heterocyclic Analogs of Suramin Inhibiting the Human Basic Fibroblast Growth Factor" Bioorganic & Medicinal Chemistry, Vol. 6, No. 7 (1998) pp. 947-958.
51	J. MARCHAND-BRYNAERT et al. "Cycloadditions of Keteneimmonium Cations to Olefins and Dienes. A New Synthesis of Four-Membered Rings" J. Am. Chem. Soc., Vol. 94, No. 8 (1972) pp. 2870-2872.
52	J. MARCHAND-BRYNAERT et al. "Electrophilic Aminoalkenylation of Aromatics with α -Chloroenamines" J. Am. Chem. Soc., Vol. 94, No. 8 (1972) pp. 2869-2870.
53	MARSHAM et al. "Quinazoline Antifolate Thymidylate Synthase Inhibitors: Heterocyclic Benzoyl Ring Modifications" J. Med. Chem., Vol. 34, No. 5 (1991) pp. 1594-1605.

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54	F. MUNYEMANA et al. "Synthesis of Alkyl Halides Under Neutral Conditions" Tetrahedron Letters, Vol. 30, No. 23 (1989) pp. 3077-3080.	
55	P. ORTIZ DE MONTELLANO et al. "Phenyl Substituted Cyclobutanones as Squalene Synthetase Inhibitors" Tetrahedron Letters, Vol. 46 (1976) pp. 4115-4118.	
56	PCT Search report for application No. PCT/US02/27953 dated March 24, 2003.	
57	PCT Search report for application No. PCT/US02/25609 dated December 5, 2002.	
58	H. SAIMOTO et al. "Nonstereospecificity in the Cycloadditions of Keteneiminium Salts to Olefins. Evidence for a Stepwise Mechanism" Tetrahedron Letters, Vol. 24 No. 22 (1983) pp. 2251-2254.	
59	E. SCHAUMANN et al. "Cycloaddition Reactions of Sulfonylisothiocyanates with β,β -Disubstituted Enamines" Tetrahedron, Vol. 30 (1974) pp. 4147-4152.	
60	U. SCHMIDT et al. "Amino Acids and Peptides; 67. Easy Preparation and Use of Benzyloxycarbonyl Derivatives of Amino Acid Chlorides and α -Hydroxycarboxylic Acid Chlorides" Synthesis, Vol. 6 (1988) pp. 475-477	
61	SCHMIDT et al. "Reaction Rate of p-nitrophenyl Acetate Hydrolysis Catalyzed by Histidine Derivatives and Peptides" Z. Physiol. Chem., Vol. 345, No. 1 (1966) pp. 91-99 (Chem Abstracts).	
62	A. SINGH et al. "Phosphatidylhydroxyalkanols as Versatile Intermediates in the Synthesis of Headgroup Modified Diacetylenic Phospholipids" Synthetic Communications, Vol. 22, No. 16 (1992) pp. 2293-2304.	
63	L. TIETZE et al. "Preparation of a New Carboranyl Lactoside for the Treatment of Cancer by Boron Neutron Capture Therapy: Synthesis and Toxicity of Fluoro Carboranyl Glycosides for in vivo ^{19}F -NMR Spectroscopy" Chem. Eur. J., Vol. 6, No. 5 (2000) pp. 836-842.	
64	A. TOGNI et al. "A New Entry into Sulfur Containing Ferrocenylphosphine Ligands for Asymmetric Catalysis" Synlett. (1990) pp. 633-635.	
65	J. TOYE et al. "Synthesis and Reactivity of α -Cyanoenamines. A Novel General Method for Preparing α -Diketones from Amides" J. Am. Chem. Soc., Vol. 97, No. 8 (1975) pp. 2276-2277.	

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